| | of Claii | |
|--|----------|--|
| | | |

Application/Control No.

Applicant(s)/Patent under Reexamination

NO NAME

Art Unit

√ Rejected
= Allowed

(Through numeral)
Cancelled

Restricted

Non-Elected
I Interference

A Appeal
O Objected

| | | | <u> </u> | | | | | - 1 | ш | | |
|-------------|-----------------------|----------------|----------------|--------------|--|--------------|--------------|--|----------------|-----------------|--|
| Claim | | <u> </u> | | | | | | | | | |
| CI | Date | | | | | | | | | | |
| 1 | _ | | | | | | | | | | |
| Final | riginal | | | | | | | | | | |
|] ⊆ | Ē | | | | | | | | : | . 1 | |
| 1 - | Ιō | l | | | | | | | | | |
| | | | | L | | | | | | Ш | |
| | 1 2 3 4 5 | | | | | | | | | | |
| | 2 | | | | | | | | | 1 | |
| | 3 | | | | | | | | | | |
| | 4 | | | | | _ | - | | | | |
| | 5 | | - | | | | _ | | | _ | |
| | 1 - | | - | - | | | _ | _ | | \dashv | |
| | 6 7 | | | - | | - | - | | | - | |
| | 1 | - | _ | \vdash | | | | | _ | \Box | |
| | 8 | | | | | | | | | | |
| | 9 | | | | | | | | | | |
| | TO | ļ | | | | | | | | | |
| | 11 | | | | | | | | | | |
| ļ | 12 | | | | | | _ | | | \vdash | |
| - | 11 12 13 | - | | | | \vdash | | \vdash | | \vdash | |
| \vdash | 14 | | | | - | - | | - | | \dashv | |
| | 14 15 | | | | | | - | | | Н | |
| | 15 | _ | _ | <u> </u> | | <u> </u> | | <u> </u> | <u> </u> | Ш | |
| | 16 | | <u> </u> | <u> </u> | | L | | ļ | <u> </u> | Ш | |
| | 17 18 | | <u></u> | | | | | | <u></u> | Ш | |
| | 18 | | | | | | | | | | |
| | 19 | | | | | | | | | | |
| | 20 | | T | <u> </u> | - | | - | | | Н | |
| | 21 | _ | - | _ | | | | | - | \vdash | |
| | 22 | _ | - | \vdash | \vdash | <u> </u> | _ | <u> </u> | ļ. | \vdash | |
| ļ | 23 | | | | | - | | - | | | |
| - | 123 | | _ | <u> </u> | | | | _ | | \sqcup | |
| <u> </u> | 24 | _ | _ | L | | _ | | | | Ш | |
| L., | 25 26 | | <u></u> | L_ | | | | | | | |
| L | 26 | | | - | | | | | | | |
| | 27 | | | | | | , | | | | |
| | 28 | Γ | | | | | | | | i | |
| | 29 | | - | - | | | | | _ | - | |
| - | 30 | - | \vdash | | - | - | \vdash | - | | Н | |
| · | 31 | - | - | | - | | - | | ├— | - | |
| | 131 | ├— | | | | <u> </u> | | | Ι— | ┦ | |
| | 32 | - | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | | | $\vdash \vdash$ | |
| | 33 | <u> -</u> | | <u> </u> | | L. | _ | _ | | \sqcup | |
| | 34 | | | Ĺ | <u>L</u> | <u> </u> | | <u> </u> | | | |
| | 35 | L_ | L | L | L | L | | L | | | |
| | -36 | Γ | | | | | _ | | | | |
| | 37 | | T | 1 | 1 | 1 | ٠, | - | 1. | \Box | |
| - | 38 | \vdash | \vdash | | | \vdash | _ | | İ | \vdash | |
| - | 39 | \vdash | - | | | - | | | | \vdash | |
| | | — | - | | - | - | - | - | | | |
| | 40 | <u> </u> | | | | - | - | ├— | — | \vdash | |
| <u> </u> | 41 | <u> </u> | L. | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | |
| | 42 | $oxed{oxed}$ | _ | <u></u> | <u> </u> | | | | L | | |
| | 43 | L^{-} | L | L | L | L | | L | LĨ | L l | |
| | 44 | Г | | Π | Γ | | | | | | |
| | 45 | 1 | Τ_ | | \vdash | - | \vdash | 1 | T- | | |
| - | 46 | - | | | - | | | ╁ | | \vdash | |
| - | | | | | \vdash | | | ├ | | +- | |
| | 47 | ├ | 1- | | | | | | | | |
| | 48 | <u> </u> | | | <u> _</u> | ļ | <u> </u> | <u> </u> | 1_ | | |
| | 49 | _ | _ | <u></u> | | | <u></u> | | _ | \Box | |
| | 50 | | L | L | L | | | L | L | | |
| | | | | | | | | | | | |

| Claim | | Date | | | | | | | | | |
|-----------|--|-----------------|------------|-------------|--|--------------|----------|----------------|----------|-----------------|--|
| Final | Original | | , | | | , | , | | | | |
| | | _ | | | | | | | | | |
| | 51 | | | | | | | | | | |
| | 52 53 | | | | | | | | | | |
| | 53 | _ | | | | | | | | | |
| | 54 55 | _ | | | | | | Ш | | | |
| | 55 | _ | | | | | - | | | _ | |
| | 56 57 58 | _ | | | _ | | | | | \Box | |
| | 57 | _ | | | | | | | | \dashv | |
| | 58 | | _ | | | | | | | _ | |
| | 59 | - | _ | | _ | | | | _ | \dashv | |
| | 60 61 | _ | | | | | | | _ | - | |
| | 01 | \vdash | _ | - | H | <u> </u> | Ь. | | <u> </u> | $\vdash \dashv$ | |
| | 62 | | | | | | | | | | |
| | 63 | - | _ | | - | | <u> </u> | | - | \vdash | |
| <u> </u> | 64 65 | | _ | | | Ŀ | | | | $\vdash\vdash$ | |
| | 65 | | _ | - | <u> </u> | | | | | $\vdash\vdash$ | |
| - | 66 | Н | _ | | | - | | - | | $\vdash \vdash$ | |
| | 67 | $\vdash \dashv$ | | ļ | - | - | <u> </u> | \vdash | <u> </u> | \dashv | |
| ļ | 68 | | _ | | <u> </u> | | | <u> </u> | - | \dashv | |
| | 69 | | | L | | | <u> </u> | | | \vdash | |
| | 70 | | | | | <u> </u> | | | | | |
| | 71 | | _ | , | _ | - | | _ | | - | |
| ļ | 72 | | | <u> `-</u> | | | | | - | | |
| | 74 | | _ | | ├ | - | ⊢ | | | _ | |
| | 70 71 72 73 74 75 76 77 | | | - | ┝ | | ⊢ | - | - | \vdash | |
| | 76 | - | _ | | - | | - | | | \vdash | |
| | 77 | | - | | - | \vdash | | - | | $\vdash \vdash$ | |
| | 78 | | _ | | \vdash | - | | \vdash | \vdash | H | |
| | 78 79 | | _ | \vdash | - | - | _ | ┢ | | Н | |
| | 80 | | - | - | _ | \vdash | 1 | <u> </u> | <u> </u> | | |
| - | 81 | \vdash | | | _ | _ | \vdash | - | _ | Н | |
| | 82 | | _ | \vdash | | \vdash | | - | | П | |
| | 83 | | Т | | Г | \vdash | T- | | | | |
| | 84 | | Г | | | | | | | | |
| | 85 | | | | | Ī | | | | | |
| | 86 | | | | | | | | | | |
| | 87 | | | | | | _ | L | _ | | |
| | 88 | <u> </u> | | | | Ľ | _ | L | | Ш | |
| | 89 | <u> </u> | L | <u> </u> | ļ | L | <u> </u> | <u> </u> | L_ | \sqcup | |
| <u> </u> | 90 | _ | _ | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> | <u> </u> | \sqcup | |
| | 91 | <u> </u> | _ | _ | <u> </u> | <u> </u> | _ | | _ | \vdash | |
| | 92 | _ | - | | <u> </u> | L | <u> </u> | <u> </u> | <u> </u> | | |
| | 93 | | ļ <u>.</u> | <u> </u> | <u> </u> | <u> </u> | ļ | <u> </u> | <u> </u> | Ш | |
| ļ | 94 | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | | | | \vdash | |
| <u> </u> | 95 | Ŀ | | | _ | <u> </u> | | - | <u> </u> | - | |
| | 96 | _ | _ | <u> </u> | <u> </u> | <u> </u> | ! | — | <u> </u> | Н | |
| <u> </u> | 97 | <u> </u> | ļ | <u> </u> _ | | <u> </u> | - | <u> </u> | <u> </u> | $\vdash \vdash$ | |
| | 98 | | <u> </u> | <u> — </u> | <u> </u> | | <u> </u> | ⊢ | <u> </u> | \vdash | |
| | 99 | <u> </u> | _ | <u> </u> | ļ | | | <u> </u> | | - | |
| 1 | 100 | | i | ·_ | 1 | ı | i | 1 | 1 | ! | |

| Claim Date E E 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 | | -:-:: | | | | | | | | | |
|--|---------|----------|----------------|------------|--------------|--|--------------|--------------|----------|--------------|--------------|
| 101 | - 0 | aim | | • | | | ate | - | | | |
| 102 | Final | Original | | | | | | | | | |
| 102 | | 101 | | - | • | | | | | | \vdash |
| 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 149 149 149 149 149 149 149 | | 102 | | | | | | | | | |
| 105 | | 103 | | | | | _ | | | | Ш |
| 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 149 149 149 149 149 149 149 149 | | 104 | | | | _ | | | | | |
| 107 | | 105 | | | | | _ | | | _ | |
| 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 107 | | _ | | - | | H | | \vdash | _ |
| 109 | | 108 | | | - | - | | | | - | \dashv |
| 110 111 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 149 149 | | 109 | | _ | | | | | | | \vdash |
| 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 110 | | | | | | | | | П |
| 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 143 144 144 145 146 147 149 149 | | 111 | | | | | | | | | |
| 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 143 144 144 145 146 147 149 149 | | 112 | | | | | | | | | |
| 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | ļ | 113 | | _ | | | | _ | | ļ | |
| 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 114 | | | - | | | _ | | <u> </u> | Ш |
| 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 149 149 | | 115 | - | _ | <u> </u> | | | | | | Н |
| 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 149 | ļ | 117 | | | - | | - | <u> </u> | | | Н |
| 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 149 149 | ļ | 118 | | \vdash | H | | ÷ | | | | \vdash |
| 120 | | 119 | - | _ | ┢ | | | | | _ | |
| 121 | | 120 | | _ | | | | _ | | | M |
| 124 125 126 127 128 129 130 131 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 121 | | | | | | | | | |
| 124 125 126 127 128 129 130 131 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 122 | | | | | L | | | _ | |
| 125 126 127 128 129 130 131 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 123 | | | <u> </u> | | _ | | _ | ļ | |
| 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 141 142 143 144 145 146 147 148 | | 124 | ļ | | ├— | | _ | <u> </u> | _ | ļ | Ш |
| 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 125 | | | | | - | - | - | | \vdash |
| 130 131 132 133 134 135 136 137 138 139 140 141 142 141 142 143 144 145 146 147 148 | | 127 | | ┝ | ┢─ | | ┢ | - | | - | \vdash |
| 130 131 132 133 134 135 136 137 138 139 140 141 142 141 142 143 144 145 146 147 148 | | 128 | - | ┝ | | - | - | 1 | | \vdash | |
| 130 131 132 133 134 135 136 137 138 139 140 141 142 141 142 143 144 145 146 147 148 | | 129 | | | | _ | \vdash | | - | 1 | |
| 132 133 134 135 136 137 138 139 140 141 142 143 144 144 145 146 147 148 | | 130 | | | | | | | | | · |
| 133 134 135 136 137 138 139 140 141 142 143 144 144 145 146 147 148 | | 131 | | | | | | | | | |
| 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | ļ | 132 | <u> </u> | _ | _ | ļ | | <u> </u> | _ | <u> </u> | <u> </u> |
| 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 133 | <u> </u> | _ | <u> </u> | _ | ļ | ļ | <u> </u> | ļ. | _ |
| 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 134 | | - | | | - | ├— | _ | - | |
| 137 138 139 140 141 142 143 144 145 146 147 148 | | 136 | - | <u> </u> | | - | - | | - | | - |
| 138 139 140 141 142 143 144 145 146 147 148 | | 137 | - | - | \vdash | | - | | - | - | ┢ |
| 140 141 142 143 144 145 146 147 148 | | 138 | - | <u> </u> | \vdash | | ╁ | H | \vdash | ✝ | |
| 140 141 142 143 144 145 146 147 148 | | 139 | \vdash | | | | | | | | |
| 142 143 144 145 146 147 148 149 | | 140 | | | | | | | | | |
| 143 144 145 146 147 148 149 | | | | L | | _ | _ | <u> </u> | _ | <u> </u> | _ |
| 144 145 146 147 148 149 | | | _ | <u> </u> _ | _ | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | |
| 145 146 147 148 149 | | 143 | <u> </u> | \vdash | - | - | | ₩ | <u> </u> | - | |
| 146 147 148 149 | - | | — | <u> </u> | | - | - | | - | - | |
| 147 148 149 | | 145 | | - | - | - | - | - | - | - | - |
| 148 | | 140 | - | - | | - | - | | - | \vdash | - |
| 149 | | | | - | 1 | - | \vdash | \vdash | | 1 | |
| 150 | | 149 | _ | 1 | T | | 1 | 1 | Г | 1 | |
| | | 150 | | | | | | | | | |